

## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail** Mail Stop ISSUE FEE  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 or **Fax** (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All future correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

21901 7590 07/11/2007

SMITH HOPEN, PA  
 180 PINE AVENUE NORTH  
 OLDSMAR, FL 34677

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

## Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

10/11/2007 FHETEK12 00000102 10605628

01 FC:2501

720.00 OP

Lauren Reeves (Depositor's name)  
 Lauren Reeves (Signature)  
 October 11, 2007 (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/605,628	10/15/2003	Jiang Liu	1372.55.PRC	2627

TITLE OF INVENTION: SYSTEM AND METHOD FOR CHARACTERIZING AND SIMULATING A FREQUENCY TRANSLATION DEVICE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$700	\$0	\$0	\$700	10/11/2007

EXAMINER	ART UNIT	CLASS-SUBCLASS
JACOB, MARY C	2123	703-013000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. Molly L. Sauter  
 2. Smith & Hopen, P.A.  
 3.

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

University of South Florida

Tampa, Florida

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☒ Issue Fee  
☐ Publication Fee (No small entity discount permitted)  
☐ Advance Order - # of Copies

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

- ☐ A check is enclosed.  
☒ Payment by credit card. Form PTO-2038 is attached.  
☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form).

5. Change in Entry Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

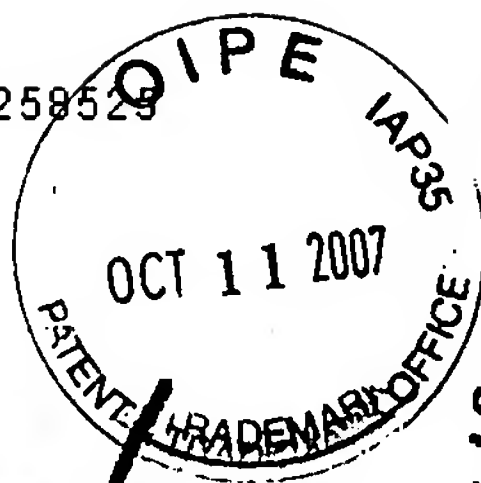
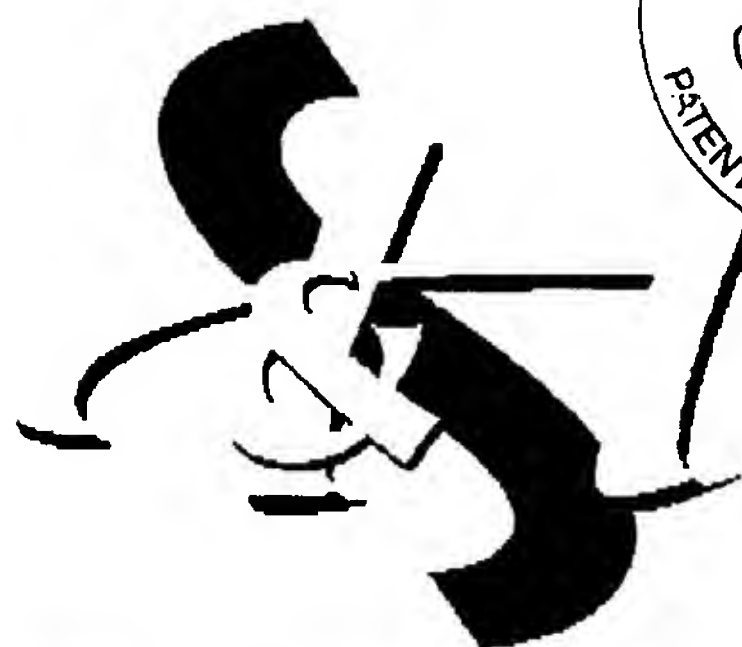
Date October 11, 2007

Typed or printed name Anton J. Hopen

Registration No. 41, 849

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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Fax

I N T E L L E C T U A L P R O P E R T Y L A W

To:	U.S. Patent & Trademark Office	From:	Molly L. Sauter
Attn:	Mail Stop Issue Fee	Client:	1372.55.PRC
Fax:	(571) 273-2885	Pages:	5 including coversheet
Phone:		Date:	October 11, 2007
Re:	USN: 10/605,628	CC:	University of South Florida

☐ Urgent    ☒ For Review    ☐ Please Comment    ☐ Please Reply    ☐ Please Recycle

Dear Sir or Madam:

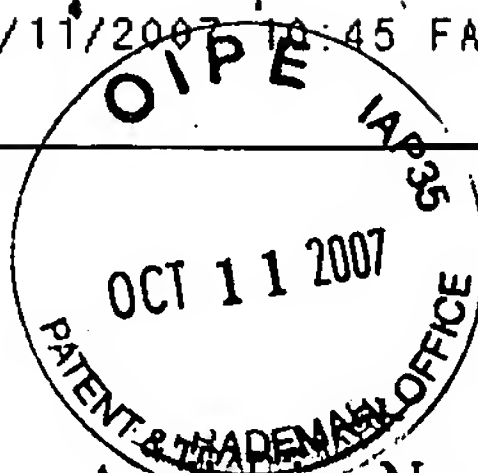
In response to the Notice of Allowance mailed July 11, 2007, we enclose the following:

- 1) Transmittal of Payment of Issue Fee with Certificate of Facsimile Transmission under 37 CFR 1.8(a) dated October 11, 2007 (2 pages);
- 2) Form PTOL-85 (1 page); and
- 3) Credit Card Payment Form PTO-2038 in the amount of \$720.00 (1 page).

Very respectfully,

Molly L. Sauter  
Reg. No. 46,457

The documentation accompanying this transmission contains information from the Law Office of Smith & Hopen, P.A., which is confidential and/or privileged. The information is intended only for the use of the individual or entity named on this sheet. If you are not the intended recipient, you are hereby notified that any disclosure, copying, distribution, or the taking of any action in reliance upon the contents of this telecopied information is strictly prohibited. If you have received this transmission in error, please notify us by telephone immediately, so that we can arrange for the return of the original documents to us at no cost to you.



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/605,628 Confirmation No.: 2627  
Applicants: : Jiang Liu  
: Terje Borge  
: Lawrence P. Dunleavy  
Filed: : 10/15/2003  
TC/A.U. : 2123  
Examiner : Mary C. Jacob  
Docket No. : 1372.55.PRC  
Customer No. : 21,901  
For : System and Method for Characterizing and Stimulating a Frequency  
Translation Device

Faxed to (571) 273-2885  
Mail Stop ISSUE FEE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL OF PAYMENT OF ISSUE FEE (37 C.F.R. 1.311)**

1. Applicant hereby pays the issue fee for the attached Issue Fee Transmittal PTOL-85.
2. Fee (37 C.F.R. 1.18(a)):

Fee

Application status is Small Entity—fee:

\$720.00

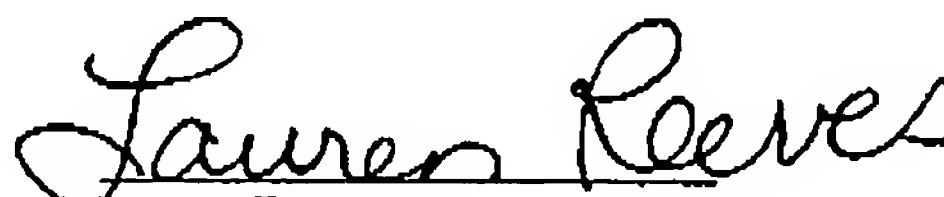
3. Payment of fee:  
Enclosed please find Credit Card Payment Form PTO-2038 for \$720.00

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**CERTIFICATE OF FACSIMILE TRANSMISSION**  
(37 C.F.R. 1.8(a))

I HEREBY CERTIFY that this correspondence and payment is being transmitted to the United States Patent and Trademark Office by facsimile to (571) 273-2885 on October 11, 2007.

Dated: October 11, 2007

  
Lauren Reeves

*Molly L. Sauter*

Reg. No. 46,457  
Tel. No.: (813) 925-8505

**SIGNATURE OF PRACTITIONER**

Molly L. Sauter  
180 Pine Avenue North  
Oldsmar, Florida 34677  
Customer No.: 21,901

(Transmittal of Payment of Issue Fee—page 2 of 2)